

Table 3. Structure of FEIS plant species reviews and topics covered in each section of a review. Sections and topics in bold print were considered crucial for understanding relationship between plant species and fire.

FEIS section	Topics covered
Introductory Information	Authorship and citation
	Scientific and common names, abbreviations, synonyms, code names
	Taxonomy description
	Life form (tree, shrub, herb, etc.)
	Legal status (threatened, endangered, etc.)
Distribution and Occurrence¹	
Botanical and Ecological Characteristics	General characteristics
	Raunkiaer life form²
	Regeneration (includes breeding system, pollination, seed production, seed dispersal, seed banking, germination/establishment/seedbed requirements, growth, and asexual regeneration³)
	Site characteristics¹ (includes topography, elevation, climate, and soils)
	Successional information¹ (includes longevity, response to disturbance³, and competitive interactions)
	Seasonal patterns (aboveground phenology, belowground phenology)
Fire Ecology	Fire adaptations (including heat tolerance of tissues and seed), fire regimes
	Postfire regeneration strategies⁴
Fire Effects	Immediate fire effect on plant⁴
	Species response to fire (includes postfire establishment and postfire vegetative response⁴)
	Fire management considerations (includes fuels and fire as a control agent for invasive species)
Fire Case Study/Research Project Summary (fire experiment)⁵	
Management Considerations	Importance to livestock and wildlife
	Other uses
	Impacts and control
Literature cited	

¹ Information on distribution, site characteristics, succession, longevity, and competitive interactions was combined for this paper to shed light on locations where a nonnative species occurs and where it may become invasive.

² Raunkiaer, C. 1934. The life forms of plants and statistical plant geography. Oxford: Clarendon Press. 632 p.

³ Information on asexual regeneration and response to disturbance was combined for this paper to address post-injury regeneration potential.

⁴ Information on postfire regeneration strategies, immediate fire effect, and vegetative response was combined to address postfire vegetative response.

⁵ “Fire Case Study or Research Project Summary” are categories in FEIS that describe research providing quantitative information on the prefire and postfire plant community, burning conditions, and fire behavior. It is included only if such research is available.